

## **Powers of Observation Answer Key**

1. Scanning Electron Microscope
2. Forensics, Entomology, Materials Science, Research and Development, Education
3. Dead, dried and coated in gold
4. Black and White
5. Vacuum
6. Liquid, gas, solid
7. Argon
8. Magnification
9. One, Million
10. Depends on the object chosen. Divide micrometers by 1000 to get millimeters.
11. One million dollars
12. Coarse, Coarse
13. Lace Pollen from Queen Anne's Lace flowers
14. Many possible answers. Medical Technologists, Physicians, Forensic Scientist, Engineers
15. Shuttle tiles, fighter jet pilot helmets, airplane windshields, anti-cancer and AIDS drugs
16. Materials
17. Crime Scene Investigations
18. Thirty
19. Entomology
20. Stage
21. Air and oxygen
22. Stains
23. "X"
24. Macroscopically
25. Avionics